

CENTREFIRE RIFLE BALLISTICS

CARTRIDGE	LINE	SKU	G (grams)	V	BULLET	SIGHT	ZERO	VELOCITY (M/sec)					ENERGY (Joules)					TRAJECTORY (cm)					BALLISTIC COEFFICIENT	BARREL LENGTH ¹	
								MUZZLE	50M	100M	150M	200M	300M	MUZZLE	50M	100M	150M	200M	300M	50M	100M	150M			200M
223 Rem	VOR-TX	21520	3.56	TSX FB	3.8	100	966	908	833	785	695	370	1738	1409	1227	1003	929	879	-0.4	0.0	-3.1	-10.5	-31.6	0.233	61
	PM	32017	3.58	Match Burner	3.8	100	988	918	843	784	722	607	1738	1405	1282	1004	929	866	-0.4	0.0	-3.0	-10.0	-38.9	0.233	61
	Barnea	32022	3.58	JHP BT	3.8	100	988	918	843	784	722	607	1738	1405	1282	1004	929	866	-0.4	0.0	-3.0	-10.0	-38.9	0.233	61
	VOR-TX	31190	4.47	LRX BT	3.8	100	882	845	808	771	736	697	1738	1405	1282	1004	929	856	-0.4	0.0	-3.8	-11.4	-42.7	0.287	50.8
	PM	32017	4.40	Match Burner	3.8	100	987	917	847	783	721	606	1738	1405	1282	1004	929	856	-0.4	0.0	-3.8	-11.5	-43.8	0.330	50.8
5.56 x 45mm	VOR-TX	31190	4.02	TSX BT	3.8	100	914	869	808	755	705	612	1676	1479	1302	1142	998	762	-0.2	0.0	-3.8	-11.4	-42.7	0.287	50.8
	PM	30840	4.47	Match Burner	3.8	100	984	937	871	747	705	623	1747	1586	1400	1245	1110	869	-0.2	0.0	-3.8	-11.5	-43.8	0.330	50.8
	VOR-TX	31190	4.54	TSX BT	3.8	100	889	821	775	711	659	606	1715	1532	1355	1213	1074	834	-0.2	0.0	-4.0	-12.6	-46.1	0.323	50.8
	PM	30840	5.51	Match Burner	3.8	100	922	758	721	686	653	589	1729	1574	1431	1298	1174	955	0.3	0.0	-5.0	-15.2	-53.4	0.403	50.8
	VOR-TX	31261	4.99	LRX BT	3.8	100	884	845	808	771	736	701	1751	1794	1629	1485	1351	1111	-0.2	0.0	-3.6	-11.3	-40.8	0.404	61
224 Valysie	VOR-TX	32206	3.24	TSX FB	3.8	100	1167	1070	980	897	818	673	2207	1959	1558	1303	1084	724	-0.5	0.0	-1.7	-4.5	-37.9	0.197	61
	VOR-TX	32474	5.83	TAC-TX	3.8	100	886	889	825	751	708	684	2338	2154	1984	1625	1678	1608	-0.2	0.0	-3.4	-10.7	-38.4	0.443	61
	Barnea	32475	5.86	Barnea TSX	3.8	100	883	823	784	746	708	684	2328	2167	2045	1901	1786	1516	-0.1	0.0	-3.8	-11.8	-41.8	0.515	61
	PM	32476	6.85	Match Burner	3.8	100	815	786	757	729	702	640	2259	2101	1951	1810	1677	1433	0.1	0.0	-4.4	-15.3	-46.6	0.511	61
	VOR-TX	32222	7.16	LRX BT	3.8	100	960	922	885	849	814	747	2342	2620	2414	2223	2043	1720	-0.5	0.0	-2.7	-8.8	-32.3	0.456	61
6mm Creedmoor	PM	30814	7.26	Match Burner	3.8	100	1002	977	952	927	803	758	2565	2760	2633	2483	2341	2075	-0.3	0.0	-3.1	-9.7	-34.7	0.624	61
	VOR-TX HR	32254	5.18	TTX BT	3.8	100	856	807	759	714	627	—	1899	1687	1495	1320	1161	—	0.0	0.0	-4.2	-12.3	—	0.310	61
	VOR-TX	31252	5.18	TTX BT	3.8	100	1021	969	919	871	824	736	2701	2432	2187	1984	1759	1401	-0.6	0.0	-2.3	-7.9	-30.3	0.331	61
	Barnea	32476	5.86	Barnea TSX	3.8	100	882	889	825	751	708	684	2338	2154	1984	1625	1678	1608	-0.2	0.0	-3.4	-10.7	-38.4	0.443	61
	VOR-TX	31267	8.48	TTX BT	3.8	100	983	938	891	847	804	723	3112	2849	2571	2324	2097	1685	-0.5	0.0	-2.6	-8.8	-32.5	0.387	61
243 Win	VOR-TX	30850	7.43	TAC-TX BT	3.8	100	789	751	715	679	645	579	2320	2154	1904	1719	1549	1248	0.3	0.0	-5.1	-15.5	-44.7	0.387	61
	VOR-TX	32206	7.26	TSX BT	3.8	100	856	807	759	714	627	—	2422	2218	2009	1922	1748	1472	0.2	0.0	-4.9	-14.7	-38.6	0.416	61
	VOR-TX HR	32255	6.48	TTX BT	3.8	100	841	798	756	716	677	—	2293	2054	1854	1661	1484	—	0.0	0.0	-4.3	-13.4	—	0.351	61
	VOR-TX	30815	7.48	TTX BT	3.8	100	887	849	812	776	741	674	3062	2855	2566	2344	2137	1786	-0.2	0.0	-3.5	-11.1	-40.1	0.412	61
	VOR-TX	32980	8.23	LRX BT	3.8	100	989	938	894	854	772	681	3109	2877	2559	2455	2283	1914	-0.3	0.0	-3.7	-11.4	-40.7	0.468	61
25-06 Rem	Barnea	32475	5.86	Barnea TSX	3.8	100	883	823	784	746	708	684	2328	2167	2045	1901	1786	1516	-0.1	0.0	-3.8	-11.8	-41.8	0.515	61
	PM	30815	9.45	Match Burner	3.8	100	907	885	843	821	800	758	3069	3515	3338	3169	3006	2701	-0.3	0.0	-3.2	-10.0	-36.4	0.703	61
	VOR-TX	31267	8.42	TTX BT	3.8	100	955	914	875	836	799	727	3118	3162	3071	3173	3097	2402	-0.4	0.0	-2.8	-9.1	-33.6	0.404	61
	VOR-TX	32011	9.07	TTX BT	3.8	100	1010	917	834	797	762	693	3157	3445	3154	2884	2632	2181	-0.3	0.0	-3.2	-10.4	-37.7	0.412	61
	VOR-TX	31261	7.18	TTX BT	3.8	100	916	873	832	791	752	678	3265	2987	2692	2438	2203	1787	-0.3	0.0	-3.3	-10.4	-38.3	0.373	61
6.5 Grendel	Barnea	32476	5.86	Barnea TSX	3.8	100	883	823	784	746	708	684	2328	2167	2045	1901	1786	1516	-0.1	0.0	-3.8	-11.8	-41.8	0.515	61
	VOR-TX	31303	9.07	TTX BT	3.8	100	989	955	923	787	752	694	3497	3961	3976	3811	3525	3122	-0.3	0.0	-3.7	-10.7	-35.93	0.412	61
	VOR-TX LR	32231	9.85	LRX BT	3.8	100	914	888	846	814	782	726	4116	3813	3529	3263	3013	2558	-0.3	0.0	-3.1	-9.9	-35.9	0.467	61
	VOR-TX HR	32236	7.78	TTX BT	3.8	100	887	848	807	768	731	—	3062	2787	2532	2298	2078	—	-0.2	0.0	-3.6	-11.3	—	0.383	61
	VOR-TX LR	32237	9.72	LRX BT	3.8	100	978	942	907	874	842	782	4116	3813	3529	3263	3013	2558	-0.3	0.0	-3.1	-9.9	-35.9	0.467	61
6.5 Creedmoor	Barnea	32475	5.86	Barnea TSX	3.8	100	883	823	784	746	708	684	2328	2167	2045	1901	1786	1516	-0.1	0.0	-3.8	-11.8	-41.8	0.515	61
	PM	30815	9.45	Match Burner	3.8	100	907	885	843	821	800	758	3069	3515	3338	3169	3006	2701	-0.3	0.0	-3.2	-10.0	-36.4	0.703	61
	VOR-TX	31267	8.07	TTX BT	3.8	100	955	914	875	836	799	727	3118	3162	3071	3173	3097	2402	-0.4	0.0	-2.8	-9.1	-33.6	0.404	61
	VOR-TX	32011	9.07	TTX BT	3.8	100	1010	917	834	797	762	693	3157	3445	3154	2884	2632	2181	-0.3	0.0	-3.2	-10.4	-37.7	0.412	61
	VOR-TX	31261	7.18	TTX BT	3.8	100	916	873	832	791	752	678	3265	2987	2692	2438	2203	1787	-0.3	0.0	-3.3	-10.4	-38.3	0.373	61
270 Win	Barnea	32476	5.86	Barnea TSX	3.8	100	883	823	784	746	708	684	2328	2167	2045	1901	1786	1516	-0.1	0.0	-3.8	-11.8	-41.8	0.515	61
	VOR-TX	31267	8.26	LRX BT	3.8	100	957	921	887	853	809	738	3030	3049	3087	3041	2919	2590	-0.5	0.0	-2.7	-8.7	-32.9	0.463	70.9
	VOR-TX	31267	8.42	TTX BT	3.8	100	957	915	874	835	798	723	3067	3028	3119	2934	2671	2199	-0.4	0.0	-2.8	-9.1	-33.7	0.382	61
	Barnea	32475	5.86	Barnea TSX	3.8	100	883	823	784	746	708	684	2328	2167	2045	1901	1786	1516	-0.1	0.0	-3.8	-11.8	-41.8	0.515	61
	VOR-TX	31267	8.07	TTX BT	3.8	100	955	914	875	836	799	727	3118	3162	3071	3173	3097	2402	-0.4	0.0	-2.8	-9.1	-33.6	0.404	61
270 Win	VOR-TX	32011	9.07	TTX BT	3.8	100	1010	917	834	797	762	693	3157	3445	3154	2884	2632	2181	-0.3	0.0	-3.2	-10.4	-37.7	0.412	61
	VOR-TX	31261	7.18	TTX BT	3.8	100	916	873	832	791	752	678	3265	2987	2692	2438	2203	1787	-0.3	0.0	-3.3	-10.4	-38.3	0.373	61
	Barnea	32476	5.86	Barnea TSX	3.8	100	883	823	784	746	708	684	2328	2167	2045	1901	1786	1516	-0.1	0.0	-3.8	-11.8	-41.8	0.515	61
	VOR-TX	31303	9.07	TTX BT	3.8	100	989	955	923	787	752	694	3497	3961	3976	3811	3525	3122	-0.3	0.0	-3.7	-10.7	-35.93	0.412	61
	VOR-TX LR	32231	9.85	LRX BT	3.8	100	914	888	846	814	782	726	4116	3813	3529	3263	3013	2558	-0.3	0.0	-3.1	-9.9	-35.9	0.467	61
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